

ABSTRACT

In order to remarkably reduce the thickness of a priming resin in the case where a dry-type plating layer is coated on a light-metal casting, such as an aluminum wheel cast body (26), and also to realize a metal gloss superior in design quality, a light-metal material is cast by a high-pressure casting process, in which the molten metal filled in a die cavity (14) is pressurized under a predetermined high pressure by an ejection plunger (16) and, as desired, a predetermined portion of the molten metal is pressurized during the solidification process of the molten metal by a pressurizing pin (22) arranged in the die (12). Then, the casting surface of the cast body of the light-metal material which is cast and formed with the size and number of pinholes on the casting surface of the casting being sufficiently reduced, is subjected to a barrel finishing process, thereafter a resin is coated on the finished surface, and a layer of a metal or a metal compound is formed by a dry-type plating on the resin coating surface, so as to produce a light-metal cast product, such as an aluminum wheel, having a design surface with high shininess.

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